SBRNO: 44 | 06-03-18

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Date.....2018

Nominal Bill

Zone:**BBMP,Yelahanka** Division:**BBMP, Byatarayanapura** Sub-Division:**BBMP, Kodigehalli**

Bill Received No. Dated Divisional / Sub-Divisional

Cash Book Voucher No.....Dated.....

Job Code: 007-17-000004

Schedule Docket No. Head of Account: P3111 Est.Cost: Rs.50.00 Lakhs D.R.NO.:

Name of Work : Improvements to roads and drain in LNT Compound road to Byatarayanapura In Ward No 07 Byatarayanapura

Name of Contractor and Full Address: Executive Engineer , K.R.I.D.L, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10

Reference to Agreement No. BBMP/EE/BTP/WO/57/2017-18 Date: 06.05.2017

Certified that the measurements were taken by me on: 14-02-18 and recorded of Pages **351185** to **351199** of measurement Book No. **3512/2016-17** and that work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that measurement were taken by me on 20/2/18 / /2018 and found correct. The work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore

Sub-Division Officer

		Amount
1) Total value of work done or supplies made as per account within		4943752-00
2) Deduct amount to be held in reserve being.....Percent Rs.....		IT - 98875-00
3) " Balance		cess - 49438-00
4) Deduct Payment:		CBF - 4944-00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... adjusted towards cash advance recovery of		LR 60808-00
b) Payments cost store or other material supplied.		FSD 24718 3-00
Now made recovery of amount creditable to this /other work		Addl. 461253-00
Amount paid on this bill Cheque/Cash.		Cheque Bill 44,82,499-00
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No..... dated .....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within		
9) Value of Government materials supplied.		
	Total amount adjusted	

Contractor's Signature

Received Rs.....(in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

(For use in the Office)

Witness
1
2

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Initials of Officer making payment

ಮೊಬಲಗು ರೂ 4943752-00
ಮುರಿದು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 461253-00
ಹಣವಾಗಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 4482499-00
Rs Fourte four lacks eighte two thou four hudred nintey nine only.
ಲೆಕ್ಕಾಧಿಕಾರಿಯವರ ಸಹಿಯಾದ ನಂತರ

Executive Engineer

ಲೆಕ್ಕಾಧಿಕ್ಷಕರು

6/03

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate Description	Unit
1	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications	cum
2	Providing granite slabs of selected quality roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete.	sqm
3	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification	cum
4	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications	tonne
5	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge	sqm
6	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications.	cum
7	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications	cum
8	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications	sqm
9	Providing and constructing pre cast concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure	sqm
10	Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specificationns including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surfce and compating with vibratory roller to achieve the desired density complete as per specifications.	cum

Previous Measurement		Present Measurement			Total Upto Date	
Qty	Rate Rs. P.	Qty	Rate Rs. P.	Amount	Qty	Cost
-	-	425.78	86.92	37008.80	425.78	37008.80
		0.00	665.68	0.00	0.00	0.00
-	-	21.94	5159.02	113188.90	21.94	113188.90
-	-	22.82	59413	1355804.66	22.82	1355804.66
-	-	468.00	387.96	181565.28	468.00	181565.28
-	-	45.63	6371.66	290738.85	45.63	290738.85
-	-	5.40	5767.46	31144.28	5.40	31144.28
-	-	529.50	1836.00	972162.00	529.50	972162.00
-	-	60.00	993.22	59593.20	60.00	59593.20
-	-	185.00	1801.44	333266.40	185.00	333266.40

11	Providing and applying primer coat with S.S Bitumen emulsion on prepared surfaces of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.6okg/sqm using mechanical means complete as per specifications	sqm
12	Providing and laying bituminous macadam on prepared surface with crushed aggregates as per design mix formula for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant, rasnsporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level to paver and laying mixed materials with paver finisher to the required level and grade , rolling by power roller to acheive the desired density, but excluding cost of primer/tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications., (using 40/60 TPH capacity H.M.P with mechanical paver Gr-1(80mm to 10mm) with 3.3% VG-30 bitumen	cum
13	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or/ compressed air to receive bituminous treatment including cost of all materails, labour, HOM Machineries complete as per specifications	sqm
14	Providing and applying tack coat with80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials , labour HOM Machineries complete as per specifications.. (Pg No. 160. Item No. 21.7)	sqm
15	Providing and laying bituminous concrete40MM thick with hotmix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filleeer, transporting of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required gradde, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to acheive the desired compaction as per MORTH specifications clause No.509 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P with mechanical paver Gr-11(30mm to 45mm) with 5.4% of modified binder consisting of 4.97% VG-10 bitumen (80/100) grade and 0.43% of plastomeric thermoplastics(Waste plastic)	cum
16	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification	cum
	Total	
	Add 8% K.R.I.D.L Charges	Nos
	Add 1% Labour Cess Charges	
	Total	

CRTIFICATE:

1. Certified that the above work done satisfactory and no materials issued from Department

AE(WZ)

-	-	450.00	28.08	12636.00	450.00	12636.00
-	-	23.25	5223.96	121457.07	23.25	121457.07
-	-	2140.00	3.18	6805.20	2140.00	6805.20
-	-	3210.00	11.66	37428.60	3210.00	37428.60
-	-	128.40	7302.34	937620.46	128.40	937620.46
-	-	425.78	106	45132.68	425.78	45132.68
				4535552.37		4535552.37
-	-			362844.19		362844.19
				45355.52		45355.52
				4943752.09		**4943752.09**

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P
Bangalore.